



The Duluth Seaway Port Authority and U.S. EPA Region 5 invite you to a
Port of Duluth
Clean and Efficient Goods Movement Workshop

February 22, 2006
MPCA – Duluth
525 Lake Avenue South, Suite 400

The Port of Duluth-Superior is one of the largest inland ports in the world, and the largest on the Great Lakes. Ports are an important part of our economy and serve as major hubs for efficient transportation as a crossroads for highways, rail lines and water transportation. Diesel emissions from trucks, locomotives, waterborne vessels and cargo-handling equipment at ports contribute to air pollution that can cause significant health effects.

Goal: To educate and engage port officials and their tenants on diesel emission reduction strategies for port terminal operations with a focus on understanding technology and business needs. Draft agenda listed below.

Focus: Maritime-related diesel fleet owners and operators (terminal operators, waterborne vessel operators, rail, trucking and public transportation fleet operators).

8:00 am Registration

8:30 am Welcome

- Adolph N. Ojard, Director, Duluth Seaway Port Authority

8:45 am Importance of Reducing Diesel Emissions

- Cathy Moeger, Director, Technology, Education and Assistance, Minnesota Pollution Control Agency

9:00 am Shipping on the Great Lakes

- Tom Huntley, Chair, Great Lakes Commission

9:30 am Overview of Diesel Retrofit Control Technologies, Clean Fuels and Best Management Practices (Chairperson: Frank Acevedo, U.S. EPA Region 5)

- Frank Acevedo, U.S. EPA Region 5
Overview of Retrofit Technologies/Phase-in of ULSD Marine and Non-road Fuel
- Jeff Buss, Minnesota Pollution Control Agency
Alternative Fuels and Minnesota B2 Mandate
- John Garrett, Donaldson Inc./Manufacturers Emission Control Association
Retrofitting Port Vehicles with Emission Reduction Technologies

10:45 am Break

11:00 Efficiency Improvements and Cost Savings in the Trucking, Rail, and Maritime Sectors (Chairperson: Scott Christian, U.S. EPA, OTAQ)

- Dave Knight, Great Lakes Commission
Challenges and Opportunities in the Great Lakes Maritime Sector
- Greg Langford, President, Langford Incorporated
Perspective from a SmartWay Carrier
- James Ross, Chief, Experimental Aero-physics Branch, NASA Ames Research Center
Reducing the Aerodynamic Drag of Coals Cars and Class-8 Trucks
- Matt Luckas, Total Logistic Control, LLC, SmartWay Partner
Logistics Company Experience/Perspective

12:30–1:30 pm Networking Luncheon

1:45 pm Opportunities for Vessels (Chairperson: Rick Harkins, Lake Carriers Association)

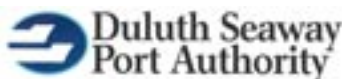
- Rick Harkins, Lake Carriers Association
Perspectives from the Maritime Industry
- Gregg Ward, Detroit-Windsor Truck Ferry
A More Efficient Means of Moving Freight
- Reid Landis, Marketing Project Specialist, Webasto Product North America
Idle-Free Technology Solutions for the Marine Industry

3:00 pm Financing Opportunities, Innovative Market Mechanisms, and Legislative Updates (Chairperson: Bill Droessler, Director, Clean Air Minnesota)

- Bill Droessler
Project Green Fleet and Diesel Emissions Reduction Provision in the Energy Policy Act
- Mike Nelson, MPCA
Minnesota Pollution Control Agency's Small Business Loan Program for the Transportation Industry
- David Humann, EcoTrans Technologies
Locomotive Idle Reduction Technologies and the Ontario NOx Emissions Trading Program
- Julie Magee, U.S. EPA Region 5
Midwest Clean Diesel Initiative and Future Federal Funding Opportunities

4:15 Feedback/Networking Discussion

- Julie Magee, U.S. EPA Region 5
Closing Comments and Informal Discussion



Minnesota Pollution
Control Agency

MINNESOTA
>ENVIRONMENTAL<
INITIATIVE

